

## Fraction, Percent, Decimal Card Sort

Work with a partner. You will need scissors, tape, and paper clips or small bags.

- Cut out the Percent Card, Area Cards, Decimal Cards and Number Line Cards.
- Start by arranging the area cards in order from least to greatest.
- Then take turns matching a percent card, a decimal card, and a number line card to an area card.
- When you find a match, place the matched card side by side on the table.
- Explain to your partner how you know that the cards match. Your partner should either agree with your explanation or challenge it if your explanation is not clear, correct, or complete.
- When you are sure you have all the cards matched up correctly, tape them on a large sheet of paper.
- Be ready to explain your thinking to the class.

---

Area

Percent/Fraction

---

Decimal

Number Line

---

---

Area

Percent/Fraction

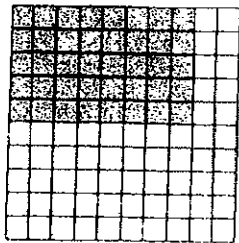
---

Decimal

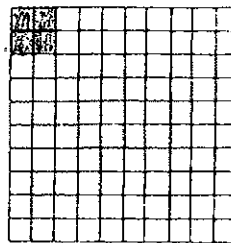
Number Line

---

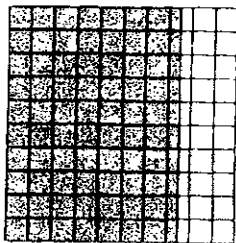
A



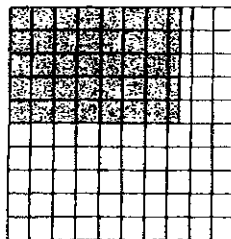
F



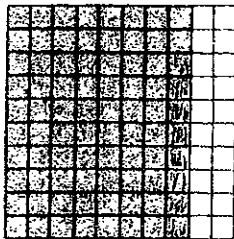
B



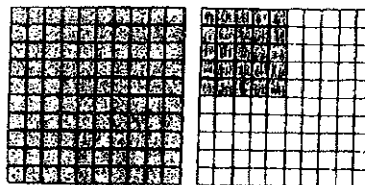
G



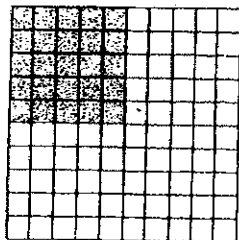
C



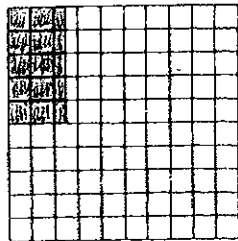
H



D



E



Area  
Cards

Percent	Fraction
80%	$\frac{4}{5}$
40%	$\frac{2}{5}$
25%	$\frac{1}{4}$
4%	$\frac{1}{25}$
125%	$\frac{5}{4}$
12.5%	$\frac{1}{8}$
75%	$\frac{3}{4}$
37.5%	$\frac{3}{8}$

Decimal

0.8

0.4

0.25

0.04

1.25

0.125

0.75

0.375

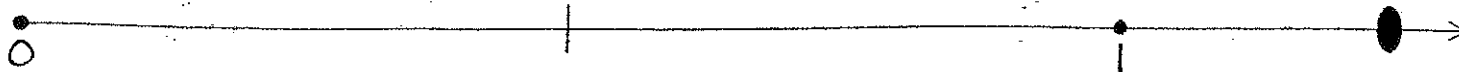
# Number Lines – cut on dotted lines

----- cut -----



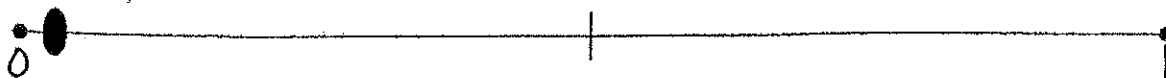
A

----- cut -----



B

----- cut -----



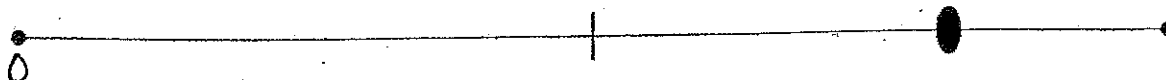
C

----- cut -----



D

----- cut -----



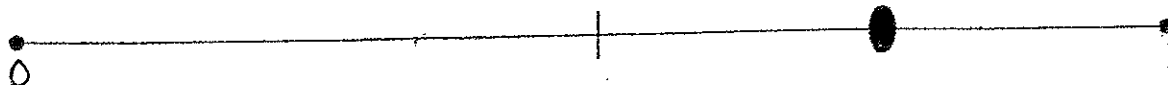
E

----- cut -----



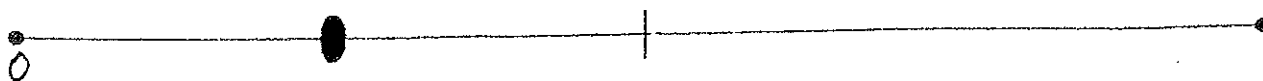
F

----- cut -----



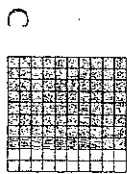
G

----- cut -----



H

Answer Key – in the order of students' charts



80%

$\frac{4}{5}$

0.8

E

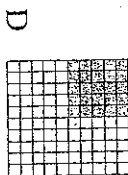


40%

$\frac{2}{5}$

0.4

A

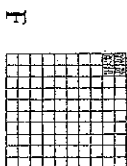


25%

$\frac{1}{4}$

0.25

H

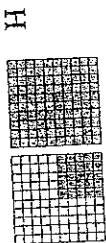


4%

$\frac{1}{25}$

0.04

C

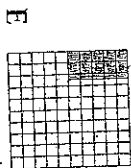


12.5%

$\frac{5}{4}$

1.25

B



1.25%

$\frac{1}{8}$

0.125

F

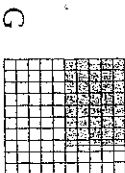


75%

$\frac{3}{4}$

0.75

G



37.5%

$\frac{3}{8}$

0.375

D